Technical Data EM-UIF

Power Supply	
Mains voltage	230 V AC +/-20 %
Frequency	45 up to 65 Hz
Power consumption	2.5 VA
Input	
Input variable	DC current or DC voltage
Rated voltage	0-20 mA, 4-20 mA, R_i = 3 Ω 0-10 V, 2-10 V, R_i = 160 kΩ
Overloading continuously	2 times at current 5 times at voltage
Surge overload	Twenty times 1 sec at current five times at voltage
Output	
Rated value	0 up to 5 Hz
OPEN collector	npn, max. 30 V, 100 mA max. loadable
Ingress protection	IP40
Version	Housing insulated, protection class 2, at rated voltage up to 300 V (net to neutral conductor), pollution degree 2, according to DIN EN 61010 Part 1 EMV according to DIN EN 50081-2 and DIN EN 61000-6-2
Installation	On standard rail 35 mm according to DIN EN 50022
Operating conditions	
Ambient temperature	-15 °C up to +55 °C
Article-No.	29-20059

Technical Data EM-PTF

Power supply	
Mains voltage	230 V AC +/-20 %
Frequency	45 bis 65 Hz
Power consumption	2.5 VA
Input	
Input variable	Resistor PT100
Rated value	-40 °C up to 120 °C, constant current via the sensor 2 mA
Types of connection	2-/3-or 4-wire, can be selected by DIP switch
2-wire circuit	Lead max. adjustment 10 Ohm via built-in potentiometer
3-wire circuit	Lead max. 100 Ohm, balanced, no adjustment required
4-wire circuit	Lead max. 100 Ohm, no adjustment required
Output	
Rated value	0 up to 5 Hz
OPEN collector	npn, max. 30 V, 100 mA load
Pulse / Pause	50/50 %
Connections	Screw terminals Conductor cross-section: max. 4 mm²
Mechanical construction	
Dimensions	22.5 x 84 x 108 mm (W x H x D)
Ingress protection	Housing/terminals IP30/IP20 according to DIN EN 60529
Version	Insulated housing, degree of polution 2, overvoltage category CAT 3 according to DIN EN 61010 part 1, EMV according to DIN EN 50081-1, DIN EN 61000-6-2
Installation	On standard rail 35 mm according to DIN EN 50022
Weight	Approx. 0.15 kg
Operating conditions	
Ambient temperature	-15 °C up to +55 °C
Article-No.	29-20049

Subject to technical changes / © FRAKO GmbH / www.frako.com